

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) An irradiation device ~~(1)~~, comprising:
- [[-]] a base part ~~(2)~~,
- [[-]] a support ~~(3)~~, longitudinally extending from the base part ~~(2)~~ and enclosing an a first angle (α) with vertical axis ~~V~~, and
- [[-]] a housing ~~(4)~~ comprising a central axis ~~(5)~~, at least one radiation unit ~~(6)~~, and a radiation emission plane ~~(7)~~, said housing ~~(4)~~ being pivotally connected to said support via a pivot axis ~~(8)~~ shaft,
- [[-]] said housing ~~(4)~~ being pivotable between an operational position ~~(A)~~, in which the radiation emission plane ~~(7)~~ is horizontal ~~(X)~~, and a rest position ~~(B)~~, in which the radiation emission plane ~~(7)~~ is vertical ~~(Y)~~, and the central axis ~~(5)~~ of the

housing (4) ~~encloses the first angle (α) with the vertical axis (V),~~

~~characterized in that wherein the pivot axis (8) shaft extends from the support so as to enclose an a second angle ($\alpha/2$) with the horizontal plane (X) and with the vertical plane (Y) so that said housing is movable between the operational position and the rest position with a single rotation of the pivot shaft about a pivot axis extending through the pivot shaft.~~

2. (Currently Amended) ~~An The~~ irradiation device as claimed in claim 1, ~~characterized in that further comprising a blocking system (10) is provided for releasably blocking the housing (4) in its operational position (A) and in its rest position (B) relative to the support (3).~~

3. (Currently Amended) ~~An The~~ irradiation device as claimed in claim 2, ~~characterized in that wherein the blocking system (10) comprises:~~

~~[[1]] a cylindrical blocking element (11) with protrusions (12) which is provided coaxially with the pivot shaft (8) near an end of~~

the pivot shaft (8) in the vicinity of its connection to the support (3),

[[-]] a chamber (13) provided in the housing (4) for receiving said blocking element (11), comprising notches (22) for co-operation with said protrusions (12).

4. (Currently Amended) ~~An~~ The irradiation device as claimed in claim 1, ~~characterized in that further comprising~~ a connection system (30) ~~is provided~~ for connecting the pivot axis (8) to the support, ~~which wherein the connection system comprises:~~

[[-]] a fastening element (31) for receiving the shaft (8), which is attachable to the support (3),

[[-]] a clamp element (32) for clamping the shaft (8) in said fastening element (31).

5. (Currently Amended) ~~An~~ The irradiation device as claimed in claim 1, ~~characterized in that wherein~~ the device (1) comprises a ~~suntanning~~ sun-tanning device.

6. (New) An irradiation device comprising:

a base;

a support longitudinally extending from the base; and

a housing comprising at least one radiation unit and a radiation emission plane; and

a shaft which pivotally connects the housing to the support; the housing being pivotable between an operational position where the radiation emission plane is horizontal, and a rest position where the radiation emission plane is vertical;

wherein the housing is movable between the operational position and the rest position with a single rotation of the shaft about a pivot axis extending through the shaft.

7. (New) The irradiation device of claim 6, wherein the support encloses a first angle having a first value with a vertical axis, and wherein a central axis of the housing encloses a second angle having the first value with the vertical axis.

8. (New) The irradiation device of claim 6, wherein the support encloses a first angle having a first value with a vertical axis, and wherein the shaft extends from the support so as to

enclose a second angle having a second value with the horizontal plane and with the vertical plane, the second value being half the first value.

9. (New) The irradiation device of claim 6, further comprising:

a fastening element that receives the shaft and is attachable to the support; and

a clamp which clamps the shaft in the fastening element.

10. (New) The irradiation device of claim 6, further comprising a first gear having a first diameter $D1$ and engaging a second gear having a second diameter $D2$, the second gear being rotatable about the shaft, wherein $D1=D2(90/\alpha)$, where α is an angle between the support and a vertical axis.

11. (New) An irradiation device comprising:

a base;

a support extending from the base; and

a housing comprising at least one radiation unit and having a

longitudinal axis; and

a shaft which pivotally connects the housing to the support;
the housing being pivotable between a rest position where the longitudinal axis is substantially parallel to the support and an operational position where the longitudinal axis is not substantially parallel with the support;

wherein the housing is movable between the operational position and the rest position with a single rotation of the shaft about a pivot axis extending through the shaft.

12.(New) The irradiation device of claim 11, wherein the support encloses a first angle having a first value with a vertical axis, and wherein a central axis of the housing encloses a second angle having the first value with the vertical axis.

13.(New) The irradiation device of claim 11, wherein the support encloses a first angle having a first value with a vertical axis, and wherein the shaft extends from the support so as to enclose a second angle having a second value with the horizontal plane and with the vertical plane, the second value being half the

first value.

14.(New) The irradiation device of claim 11, further comprising:

a fastening element that receives the shaft and is attachable to the support; and

a clamp which clamps the shaft in the fastening element.

15.(New) The irradiation device of claim 11, further comprising a first gear having a first diameter $D1$ and engaging a second gear having a second diameter $D2$, the second gear being rotatable about the shaft, wherein $D1=D2(90/\alpha)$, where α is an angle between the support and a vertical axis.